

Converting Colors

XYZ(21.9284, 29.0348, 23.5173)

Have a look what the booklet for
XYZ(21.9284, 29.0348, 23.5173)
contains.

XYZ(21.9284, 29.0348, 23.5173)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.9284, 29.0348,
23.5173)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9E7C
RGB	107, 158, 124
RGB Percent	42%, 62%, 49%
CMY	0.5804, 0.3804, 0.5137
CMYK	0.32, 0.00, 0.22, 0.38
HSL	140°, 21%, 52%
HSV	140°, 32%, 62%
XYZ	21.9284, 29.0348, 23.5173
YIQ	138.8750, -19.4820, -21.3860

Conversions

Conversions Part 2

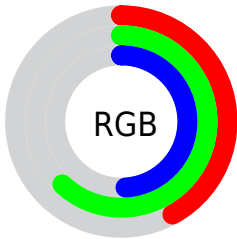
Format	Color
R_{YB}	107, 145, 158
Decimal	7052924
CIE _{Lab}	60.81, -24.43, 12.44
CIE _{LCh}	61, 27.410, 153.015
Yxy	29.0348, 0.2944, 0.3898
Android (android.graphics.Color)	4285243004 (0xFF6B9E7C)
YUV	138.8750, -7.3334, -27.9544
Hunter-Lab	53.8839, -21.6553, 11.8420

Details

The XYZ color **21.9284, 29.0348, 23.5173** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.1670, 19.7083, 27.7310**, and the grayscale version is **24.5259, 25.8031, 28.0996**.

A 20% lighter version of the original color is **46.2273, 58.2364, 50.3993**, and **8.1114, 11.6859, 8.4847** is the 20% darker color. If you saturate the color by 10%, you get **19.5687, 27.8920, 20.1135**, and if you desaturate by 10%, it is **24.7080, 30.3874, 27.3135**.

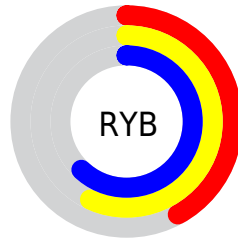
Distribution



Red (42%)

Green (62%)

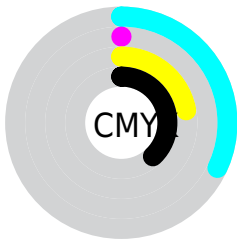
Blue (49%)



Red (42%)

Yellow (57%)

Blue (62%)

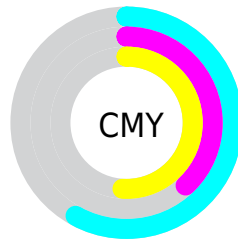


Cyan (32%)

Magenta (0%)

Yellow (22%)

Black (38%)



Cyan (58%)

Magenta (38%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9284, 29.0348, 23.5173 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 21.9284, 29.0348, 23.5173 by changing the saturation by 10% instead.

■ 21.9284, 29.0348,
23.5173

■ 21.9284, 29.0348,
23.5173

254.8115,
297.3791, 283.5785

■ 13.9206, 19.1071,
14.7671

■ 46.1074, 58.1324,
50.1753

■ 8.1468, 11.7477,
8.5113

■ 63.0092, 78.0711,
68.9201

■ 4.2416, 6.5721,
4.3314

■ 83.6065, 102.1156,
91.8335

■ 1.8397, 3.1960,
1.8088

■ 108.2646,
130.6503, 119.3340

■ 0.5414, 1.2349,
0.4338

137.3488,
164.0596, 151.8403

■ 0.0000, 0.0899,
0.0000

171.2244,

■ 0.0000, 0.0000,

202.7279, 189.7707

0.0000

210.2569,
247.0396, 233.5440

■ 21.9284, 29.0348,
23.5173

■ 21.9284, 29.0348,
23.5173

■ 19.5687, 27.8920,
20.1135

■ 24.7080, 30.3874,
27.3135

■ 17.6054, 26.9449,
17.0875

■ 27.9247, 31.9561,
31.5123

■ 16.0162, 26.1828,
14.4268

■ 31.5977, 33.7513,
36.1257

■ 14.7755, 25.5931,
12.1172

■ 35.7443, 35.7817,
41.1647

■ 13.8543, 25.1609,
10.1437

■ 40.3809, 38.0555,
46.6400

■ 13.2187, 24.8692,
8.4900

■ 45.5229, 40.5806,
52.5618

■ 12.8624, 24.7088,
7.4193

■ 51.1853, 43.3644,
58.9401

■ 57.3824, 46.4140,
65.7843

■ 64.1278, 49.7364,
73.1037

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.0281, 29.0348, 17.8455



21.9284, 29.0348, 23.5173



21.3024, 29.0348, 32.6578

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.9284, 29.0348, 23.5173



27.9588, 29.0348, 55.5469



33.7522, 29.0348, 22.0794

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



21.9284, 29.0348, 23.5173



24.1670, 19.7083, 27.7310

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



35.0227, 29.0348, 30.5926



21.9284, 29.0348, 23.5173



31.5022, 29.0348, 51.0957

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.9284, 29.0348, 23.5173



24.6020, 29.0348, 52.5309



34.1662, 29.0348, 41.3836



30.8251, 29.0348, 17.1495

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.9284, 29.0348, 23.5173



21.7567, 29.0348, 39.9264



34.1662, 29.0348, 41.3836



34.3981, 29.0348, 24.5436

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



21.9292, 29.0360, 23.5180



52.0292, 58.6743, 58.9064



26.0114, 31.2542, 18.5720



11.5398, 13.1352, 13.0384



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.9292, 29.0360, 23.5180



36.5445, 51.1380, 38.0148



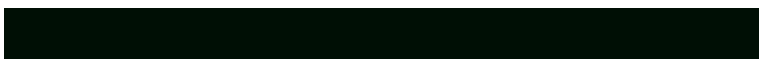
23.6881, 29.7396, 32.7805



6.6374, 7.4357, 7.5252



10.3177, 19.7950, 6.0300



0.2030, 0.3614, 0.2055

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



24.1670, 19.7083, 27.7310



41.2745, 31.4043, 46.9060



22.5319, 19.0543, 19.1208



6.8101, 6.7169, 7.8510



13.3679, 6.6517, 11.4540



0.2578, 0.1264, 0.3037

Previews

White Background



This preview shows how the XYZ color 21.9284, 29.0348, 23.5173 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.9284, 29.0348, 23.5173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.9284, 29.0348, 23.5173

Background



This preview shows how black text looks on a background with the XYZ color 21.9284, 29.0348, 23.5173.



This preview shows how white text looks on a background with the XYZ color 21.9284, 29.0348,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

21.9284, 29.0348, 23.5173

Protanopia

27.0665, 28.8343, 21.2786

Deuteranopia

29.3575, 28.8238, 24.4383



Tritanopia

25.0900, 28.8179, 39.8373

Trichromacy



Original Color

21.9284, 29.0348, 23.5173

Protanomaly

24.7777, 28.5720, 21.9783

Deuteranomaly

25.9415, 28.4195, 24.1969

Tritanomaly

23.7427, 28.7580, 33.1536

Monochromacy



Original Color

21.9284, 29.0348, 23.5173

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.3344, 26.7910, 26.4956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9284, 29.0348, 23.5173 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(107, 158, 124)` looks like.

```
.text, #text, p{  
    color:rgb(107, 158, 124)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(107, 158, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 158, 124) }
```

Border

The CSS property to change the border of an element to XYZ 21.9284, 29.0348, 23.5173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 158, 124) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(107, 158, 124) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(107, 158, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 158, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 158, 124); box-shadow:4px 4px 4px 4px rgb(107, 158, 124) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9284, 29.0348, 23.5173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 158, 124) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(107,  
158, 124) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor